

DERWENT-ACC-NO: 1990-336214  
DERWENT-WEEK: 199611  
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TITLE: Nail, skin and hair care compsns. contg. trigonelline and vitamin=B6

INVENTOR: STUCKLER E ; STUECKLER E

PATENT-ASSIGNEE: STUCKLER E (STUCI), STUECKLER E (STUEI)

PRIORITY-DATA: 1989CH-001498 (April 20, 1989), 1989DE-3940724 (December 9, 1989)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
<u>DE</u> <u>4012148 A</u>	October 31, 1990	DE
<u>W0</u> <u>9012560 A</u>	November 1, 1990	EN
<u>PT 93813</u> <u>A</u>	November 20, 1990	PT
<u>AU</u> <u>9054255 A</u>	November 16, 1990	EN
<u>FI</u> <u>9104939 A</u>	October 18, 1991	FI
<u>EP 469007</u> <u>A</u>	February 5, 1992	EN
<u>N0</u> <u>9104118 A</u>	October 18, 1991	N0
<u>DD 298349</u> <u>A5</u>	February 20, 1992	DE
<u>US</u> <u>5133958 A</u>	July 28, 1992	EN
<u>JP</u> <u>04506654</u>	November 19, 1992	JA
<u>W</u> <u>EP 469007</u> <u>B1</u>	July 7, 1993	DE
<u>DE</u> <u>59001925</u> <u>G</u>	August 12, 1993	DE
<u>ES</u> <u>2058909</u> <u>I3</u>	November 1, 1994	ES
<u>W0</u> <u>9112560</u> <u>A3</u>	January 10, 1991	EN
		EN

CA December  
2051813 C 12, 1995

DESIGNATED-STATES: AU CA FI IT JP NO AT BE CH DE DK ES FR GB IT LU NL SE AT BE  
CH DE ES FR GB IT LI LU NL SE AT BE CH DE DK ES FR GB IT LI LU NL SE

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
DE 4012148A	April 14, 1990	1990DE-4012148	
US 5133958A	February 16, 1990	1990US-481044	
CA 2051813C	April 14, 1990	1990CA-2051813	
DE 59001925G	April 14, 1990	1990DE-501925	
EP 469007A	April 14, 1990	1990EP-906116	
EP 469007B1	April 14, 1990	1990EP-906116	
JP 04506654W	April 14, 1990	1990JP-505933	
W01990012560A	April 14, 1990	1990W0-DE00287	
JP 04506654W	April 14, 1990	1990W0-DE00287	
EP 469007B1	April 14, 1990	1990W0-DE00287	
DE 59001925G	April 14, 1990	1990W0-DE00287	
W01990012560A3	April 14, 1990	1990W0-DE00287	
DD 298349A5	April 19, 1990	1990DD-339890	Based on

INT-CL - CURRENT:

TYPE	IPC	DATE
CIPS <u>A61</u> <u>K</u> <u>31/455</u>		20060101
CIPP <u>A61</u> <u>K</u> <u>8/00</u>		20060101
CIPS <u>A61</u> <u>K</u> <u>8/34</u>		20060101
CIPS <u>A61</u> <u>K</u> <u>8/42</u>		20060101
CIPS <u>A61</u> <u>K</u> <u>8/44</u>		20060101
CIPS <u>A61</u> <u>K</u> <u>8/49</u>		20060101
CIPS <u>A61</u> <u>K</u> <u>8/67</u>		20060101
CIPS <u>A61</u> <u>K</u> <u>8/97</u>		20060101
CIPS <u>A61</u> <u>Q</u> <u>19/00</u>		20060101
CIPS <u>A61</u> <u>Q</u> <u>3/00</u>		20060101
CIPS <u>A61</u> <u>Q</u> <u>3/02</u>		20060101
CIPS <u>A61</u> <u>Q</u> <u>5/00</u>		20060101
CIPS <u>A61</u> <u>Q</u> <u>5/02</u>		20060101
CIPS <u>A61</u> <u>Q</u> <u>7/00</u>		20060101

ABSTRACTED-PUB-NO: DE 4012148 A  
BASIC-ABSTRACT:

Compsns. for nail, skin and hair care, for reducing hair loss and for stimulating hair regrowth, comprise daily dose of 80-500 mg trigonellin (I) and 1-5 mg vitamin B6 (II). (I) is 3-carboxyl-1-methylpyridinium hydroxide (see also EP289639).

The compsns. contain 100-400 mg (I) and 2-4 mg (II), opt. together with 10-50 mg nicotine acid and/or nicotinamide, 1-4 mg riboflavin, 0.2-1 mg folic acid, 5-25 mg Ca d-pantothenate, and cysteine and/or lysine. The compsns. may be formulated for oral or topical admin., e.g. as lotions or shampoos. @ (4pp Dwg.No.0/0) for

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EQUIVALENT-ABSTRACTS:

DERWENT-CLASS: B03 B05 D21  
CPI-CODES: B03-D; B07-D04A; B12-A07; B12-L05; D08-B02; D08-B03; D08-B09;